

### Interdisciplinary Minor Projects 2020-21

Sr. No.	Title of the project	Name of PI	Name of Co-PI	Amount sanctioned	Sponsoring Authority	Year
1	Development of setup for Hot Ferrography of sliding Pairs- <b>Completed</b>	Dr. B. Rajiv	Dr P P Deshpande	4.5 Lakhs	Minor Research Project-COEP	2 Yrs.
2	Incremental Forming of the Aluminium Alloys :Role of texture, microstructure and forming parameters- <b>Ongoing</b>	Dr. A. M. More	Dr. B. U. Sonawane	5 Lakhs		2 Yrs.
3	Development of general soil testing setup- <b>Ongoing</b>	Dr. K. K. Tripathi	Dr. B. U. Sonawane	4.5 Lakhs		2.Yrs.
4	Design and development of Robotic arm for kinematic study and validation of advance control strategies- <b>Ongoing</b>	Dr. M. D. Jaybhaye	S. D. Hanwate	5 Lakhs		2 Yrs.
5	Design ,Development & Validation of protable Bone - <b>Ongoing</b>	Dr. S S Ananasane	Dr. Kalyani Bhole	5.25 Lakhs		2 Yrs.

### Interdisciplinary Minor Projects 2021-22

Sr. No.	Title of the project	Name of PI	Name of Co-PI	Amount sanctioned	Sponsoring Authority	Year
1	Experimental Investigations and Analysis of Vibro Rotary Electric Discharge Machining on Range of Materials- <b>Ongoing</b>	Dr P. D. Pantawane	Dr. V. T. Thavle	5 Lakh	Minor Research Project-COEP	2 Yrs.
2	Application of Machine Learning for Tool Wear Prediction with Energy Efficiency Consideration- <b>Ongoing</b>	Dr P. D. Pantawane	Dr. U. T. Ugale	5 Lakh		2 Yrs.
3	Setup for Realization of Industry 4.0 through virtual commissioning / digital twin to enable smart manufacturing- <b>Ongoing</b> .	Dr. S.M. Patil	Dr. M. R. Dhanvijay	5 Lakh		2.Yrs.
4	Machine vision system for ECDM- <b>Ongoing</b> .	Dr. M. R. Dhanvijay	1.Dr. Mrs. Vibha Vyas 2. Dr. S. M. Patil	5 Lakh		2 yrs.
5	Investigation on Lattice structures manufactured using SLM process for biomedical implants- <b>Ongoing</b>	Dr. M. S. Sawant	Dr. A. V. Mulay	5 Lakh		2 yrs.